

# **UNOFFICIAL LONG RANGE BASIC EDUCATION PROJECTION**

**John C. Steiger, Ph.D.**  
**February 20, 2002**

NOTE: The numbers presented are based on the Caseload Forecast Council's official forecast of the K-12 enrollment, but are not part of that forecast, and have not been presented to or adopted by that council. Thus these numbers are unofficial and represent my personal projection of the future K-12 enrollment.

## **Notes: Notes on Long Range Projection**

### **Long Range Projection**

The long range projection is based on a participation rate forecast model. Headcount (HC) and Full-time Equivalent (FTE) participation rates, by age, are calculated by dividing the K-12 headcount and FTE count of children enrolled in public school at a given age (grade) by the OFM population forecast for that age, respectively. (As a simplifying assumption, it is assumed that all first graders are age 6, all second graders age 7, etc.)

The long-range projection consists of three components: (1) the current CFC forecast, (2) a 3 year transition period and (3) the long-term participation rate projection

The Long Term Projection is based on:

February 2002 CFC K-12 Forecast

October 2001 OFM Population Forecast Update.

### **Transition Period**

During the three year transition period, the participation rates from the last year of the current CFC forecast are gradually adjusted for recent (prior three years) trends. The function of the transition period is to provide for a transition from the trends evident in the CFC forecast to the "fixed" participation rate model used in the extended projection period. This approach creates a smoother transition from the CFC forecast to the extended projection.

The proportions of the average change in participation rate used in years 1, 2, and 3 of the transition period of the extended projection are:

0.40

0.70

0.90

### **Extended Projection**

The extended projection is based on the participation rates of the last year of the CFC forecast, adjusted for the average annual change in participation rate over the last four years of the CFC forecast. The adjustment as a proportion of the average annual change used in the remainder of the projection is:

1.00

## **Projection Revisions**

### **February 2002 Projection Revision**

The February 20, 2002 revision of the Long Range Projection incorporates the revised (2/20/2002) K-12 forecast and the October 2001 OFM state population forecast. The February LR Projection is higher through 2005, reflecting higher actual 2001-02 enrollment, CFC forecasted higher enrollment for 2002-03, and the impact of a higher revised OFM population estimate/forecast for the period 1997-2005. The November LR Projection is lower for the period of 2006-2009, reflecting a lower revised OFM population forecast for the period. From 2010-2020 the revised LR Projection is again higher than the June forecast, reflecting both the decreasing variance between the January 2001 and October 2001 OFM population forecast and the carry forward of slightly higher participation rates from the early years of the long term projection. (See "K12LongRangeCharts" worksheet for the relation between OFM population forecasts and the K-12 Long Range Projection.)

### **November 14, 2001 Projection Revision**

The November 14, 2001 revision of the Long Range Projection incorporates the revised (11/14/2001) K-12 forecast and the October 2001 OFM state population forecast. The November LR Projection is higher through 2005, reflecting higher actual 2001-02 enrollment, CFC forecasted higher enrollment for 2002-03, and the impact of a higher revised OFM population estimate/forecast for the period 1997-2005. The November LR Projection is lower for the period of 2006-2009, reflecting a lower revised OFM population forecast for the period. From 2010-2020 the revised LR Projection is again higher than the June forecast, reflecting both the decreasing variance between the January 2001 and October 2001 OFM population forecast and the carry forward of slightly higher participation rates from the early years of the long term projection. (See "K12LongRangeCharts" worksheet for the relation between OFM population forecasts and the K-12 Long Range Projection.)

### **June 13, 2001 Projection Revision**

The June 13, 2001 revision of the Long Range Projection incorporates the revised (6/13/2001) K-12 forecast and the January 2001 revised OFM state population forecast updated in January 2001 for the 2000 Census.

### **February 21, 2001 Projection Revision**

The February 21, 2001 revision of the Long Range Projection incorporates the revised (2/21/2001) K-12 forecast and the November 2000 revised OFM state population forecast updated in January 2001 for the 2000 Census.

### **November 9, 2000 Projection Revision**

The November 9, 2000 revision of the Long Range Projection incorporates the revised (11/9/00) K-12 forecast and the November 2000 revised OFM state population forecast.

### **June 14, 2000 Projection Revision**

The June 14, 2000 revision of the Long Range Projection incorporates two important modifications of the previous projection, both of which reduce the long term projection of K-12 headcount (HC) and FTEs. The current long Range Projection includes the June CFC forecast of K-12 which extends two years beyond the February CFC forecast (through the 2001-2003 Biennium). This projection also includes a three year transitional period between the end of the current short term CFC forecast and the beginning of the fixed participation rate model. Together, as explained below, these changes significantly reduce the long term projection in the out years.

The long term forecast combines the CFC short-term forecast with a fixed participation rate model predicting long term K-12 enrollments from forecasts of state population. The CFC short-term forecast incorporates assumptions about trends in migration, drop-out rates, cross-over to and from private schools, etc., all of which impact the "participation rate" (i.e., the % of children of a given age who are enrolled in public school) in a given year. The "fixed participation rate" model used to forecast K-12 enrollments for the "out years" of the long term forecast applies a fixed participation rate to OFM annual population forecasts; as a consequence of the fixed participation rate model, K-12 enrollment in the out years of the forecast parallels the change in school age population.

Participation rates during the short term forecast period have been dropping; rates for the out years are, by definition, fixed. As a consequence, the extension of the current short term forecast an additional two years shifts the model used to forecast the 2001-02 and 2002-03 school years from the fixed participation rate model to the more complex model which generates decreasing participation rates in these two years. This shift explains the decrease in enrollment forecast for 2001-02 and 2002-03 (i.e., compared to the previous February 2000 long term projection).

In addition to the shift in prediction model for 2001-02 and 2002-03, the current long term forecast also includes a three year (2003, 2004, 2005) transition period in which the previous three year trends in participation rates, by age, are "dampened" or gradually reduced to zero. The underlying assumption is that trends in participation rate will not continue indefinitely; for the long term projection, it is assumed that recent trends will continue at a decreased rate for three years. At the end of the transition period, the participation rates are "fixed" for the remainder of the projection. This assumption is more realistic than an assumption that trends in participation rate will abruptly end with the shift from the short term forecast to the long term participation rate projection.

K-12 LONG RANGE HC PROJECTION - UNOFFICIAL  
BASED ON RATIO OF CFC K-12 EDUCATION FORECAST TO OFM STATE POPULATION FORECAST

October 2001 OFM Population

Forecast Update.

APRIL 1 POPULATION										
Age/Grade Equivalent	Age	1997	1998	1999	2000	2001	2002	2003	2004	2005
(Age 5) K	5	86,417	84,489	83,222	81,150	80,781	80,424	80,861	81,605	80,663
(Age 6) 1	6	86,579	87,030	85,021	82,412	81,939	81,350	80,811	81,367	82,163
(Age 7) 2	7	87,260	87,429	87,789	85,856	83,182	82,493	81,728	81,298	81,901
(Age 8) 3	8	85,137	88,319	88,374	87,624	86,644	83,736	82,870	82,214	81,825
(Age 9) 4	9	82,704	86,225	89,323	88,867	88,411	87,208	84,111	83,352	82,734
(Age 10) 5	10	81,471	83,794	87,237	89,315	89,651	88,976	87,590	84,590	83,869
(Age 11) 6	11	84,950	82,545	84,776	86,511	90,088	90,213	89,358	88,080	85,105
(Age 12) 7	12	84,716	86,000	83,454	86,386	87,250	90,645	90,596	89,851	88,609
(Age 13) 8	13	84,621	85,708	86,898	85,376	87,106	87,777	91,021	91,084	90,379
(Age 14) 9	14	86,098	85,573	86,566	87,248	86,079	87,624	88,134	91,503	91,611
(Age 15) 10	15	82,327	86,912	86,290	86,439	87,946	86,573	87,963	88,583	92,014
(Age 16) 11	16	85,994	82,984	87,525	85,847	87,128	88,445	86,899	88,404	89,071
(Age 17) 12	17	82,978	86,523	83,433	86,506	86,549	87,631	88,781	87,342	88,900
K-12	5-17	1,101,252	1,113,531	1,119,908	1,119,537	1,122,754	1,123,095	1,120,723	1,119,273	1,118,844
11-12	16-17	168,972	169,507	170,958	172,353	173,677	176,076	175,680	175,746	177,971
9-12	14-17	337,397	341,992	343,814	346,040	347,702	350,273	351,777	355,832	361,596
K-6	5-11	594,518	599,831	605,742	601,735	600,696	594,400	587,329	582,506	578,260
7-12	12-17	506,734	513,700	514,166	517,802	522,058	528,695	533,394	536,767	540,584
7-8	12-13	169,337	171,708	170,352	171,762	174,356	178,422	181,617	180,935	178,988
1-3	6-8	258,976	262,778	261,184	255,892	251,765	247,579	245,409	244,879	245,889

HC/AGE COHORT

Grade Equivalent	Age	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	vg 2yr CHG	LT MODEL
K	5	0.84430	0.84342	0.82339	0.84209	0.84546	0.85248	0.00519	0.85767
1	6	0.90097	0.89578	0.89279	0.89129	0.89940	0.90541	0.00706	0.91247
2	7	0.89881	0.88842	0.88067	0.87814	0.88203	0.89240	0.00713	0.89953
3	8	0.90370	0.89424	0.88067	0.88931	0.88350	0.88076	-0.00427	0.87649
4	9	0.91369	0.89952	0.88582	0.88210	0.88824	0.88172	-0.00019	0.88153
5	10	0.92763	0.90779	0.89271	0.89390	0.88517	0.88816	-0.00287	0.88529
6	11	0.90526	0.92391	0.90247	0.90880	0.89786	0.88612	-0.01134	0.87478
7	12	0.91702	0.90723	0.92011	0.89462	0.91409	0.89956	0.00247	0.90203
8	13	0.90543	0.90354	0.89246	0.90202	0.89414	0.90925	0.00361	0.91286
9	14	0.96850	0.99323	0.99462	0.99504	1.00092	0.99435	-0.00035	0.99400
10	15	0.95000	0.91091	0.92955	0.92838	0.92781	0.93539	0.00351	0.93890
11	16	0.83788	0.89318	0.85697	0.88297	0.88898	0.89975	0.00839	0.90814
12	17	0.81749	0.80229	0.85938	0.82610	0.83848	0.84494	0.00942	0.85437
K-12	5-17	0.89913	0.89708	0.89332	0.89374	0.89610	0.89799	0.00212	0.90011
11-12	16-17	0.82786	0.84679	0.85815	0.85443	0.86382	0.87247	0.00902	0.88150
9-12	14-17	0.89356	0.89973	0.91043	0.90835	0.91394	0.91851	0.00508	0.92359

February 2002 CFC K-12 Forecast  
ENROLLMENT - OCT HC W/ RS

	October Headcount (HC)				Transition Period				
	OCT 1997	OCT 1998	OCT 1999	OCT 2000	OCT 2001	OCT 2002	OCT 2003	OCT 2004	OCT 2005
K	72,962	71,260	68,524	68,336	68,297	68,560	69,100	69,863	69,141
1	78,005	77,960	75,906	73,453	73,696	73,655	73,395	74,072	74,913
2	78,430	77,674	77,313	75,394	73,369	73,617	73,167	72,956	73,614
3	76,938	78,978	77,828	77,925	76,550	73,752	72,847	72,165	71,754
4	75,566	77,561	79,124	78,390	78,530	76,893	74,156	73,482	72,934
5	75,575	76,067	77,877	79,839	79,356	79,025	77,694	74,960	74,273
6	76,902	76,264	76,508	78,621	80,886	79,939	78,776	77,350	74,545
7	77,686	78,022	76,787	77,283	79,754	81,541	81,586	80,982	79,906
8	76,618	77,441	77,553	77,011	77,885	79,811	82,892	83,049	82,471
9	83,386	84,994	86,100	86,815	86,158	87,129	87,624	90,964	91,065
10	78,211	79,169	80,211	80,248	81,597	80,980	82,403	83,077	86,360
11	72,053	74,120	75,006	75,801	77,455	79,578	78,479	80,060	80,814
12	67,833	69,416	71,701	71,462	72,570	74,043	75,350	74,375	75,870
Total Oct K-12 HC + RS	990,165	998,926	1,000,438	1,000,578	1,006,103	1,008,523	1,007,470	1,007,356	1,007,658
Running Start Only HC*	3,484	3,838	4,359	4,417	4,695	4,808	4,814	4,833	4,903
Running Start in K-12 HC	5,426	6,084	6,206	6,830	6,832	6,996	7,005	7,033	7,135
Running Start Total HC	8,910	9,922	10,565	11,247	11,527	11,803	11,819	11,866	12,039
Total Oct K-12 HC + RS	990,165	998,926	1,000,438	1,000,578	1,006,103	1,008,523	1,007,470	1,007,356	1,007,658
%Change in Total K-12 HC+RS	0.9%	0.2%	0.0%	0.6%	0.2%	-0.1%	0.0%	0.0%	0.0%
%Change in ages 5-17	1.1%	0.6%	0.0%	0.3%	0.0%	-0.2%	-0.1%	0.0%	0.0%
%Change in ages 16-17	0.3%	0.9%	0.8%	0.8%	1.4%	-0.2%	0.0%	1.3%	
K12 HC/Ages 5-17	0.897	0.893	0.894	0.896	0.898	0.899	0.900	0.901	

\*2000-2019 Running Start HC forecasted using same growth rate as annual forecasted growth in 2000 G11+G12.

Past forecasts have assumed that 1/3 are in grade 11 and 2/3 in grade 12.

Figures for 2000-2002 are from the current CFC forecast. Projections for 2003-2019 are based on the OFM POP forecast and CFC K-12 forecast.

APRIL 1 POPULATION												APRIL 1 POPULATION						
2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020				
83,786	84,018	85,164	86,267	87,347	88,509	89,920	91,485	93,152	94,745	96,299	97,885	99,416	100,879	101,968				
81,343	84,553	84,852	86,016	87,118	88,197	89,360	90,774	92,343	94,017	95,614	97,175	98,767	100,304	101,770				
82,829	82,060	85,362	85,668	86,833	87,934	89,012	90,176	91,593	93,167	94,848	96,450	98,016	99,613	101,156				
82,555	83,547	82,832	86,170	86,468	87,633	88,734	89,812	90,977	92,398	93,975	95,662	97,270	98,842	100,445				
82,462	83,255	84,315	83,598	86,956	87,246	88,412	89,514	90,591	91,757	93,182	94,764	96,458	98,072	99,650				
83,368	83,148	84,007	85,081	84,348	87,725	88,007	89,175	90,277	91,354	92,521	93,950	95,538	97,238	98,859				
84,498	84,048	83,884	84,756	85,829	85,080	88,477	88,752	89,921	91,024	92,101	93,270	94,703	96,297	98,003				
85,735	85,178	84,782	84,622	85,492	86,564	85,800	89,216	89,485	90,655	91,760	92,836	94,007	95,444	97,044				
89,252	86,411	85,906	85,511	85,341	86,208	87,281	86,501	89,937	90,200	91,372	92,477	93,555	94,728	96,170				
91,025	89,946	87,140	86,635	86,227	86,046	86,911	87,985	87,191	90,646	90,903	92,077	93,184	94,263	95,439				
92,245	91,713	90,684	87,861	87,342	86,922	86,730	87,594	88,668	87,860	91,335	91,586	92,762	93,870	94,951				
92,646	92,937	92,464	91,431	88,577	88,043	87,610	87,408	88,272	89,346	88,524	92,018	92,264	93,443	94,553				
89,697	93,360	93,719	93,246	92,194	89,307	88,759	88,315	88,102	88,964	90,038	89,204	92,718	92,959	94,141				
1,121,441	1,124,174	1,125,111	1,126,862	1,130,072	1,135,414	1,145,013	1,156,707	1,170,509	1,186,133	1,202,472	1,219,354	1,238,658	1,255,952	1,274,149				
182,343	186,297	186,183	184,677	180,771	177,350	176,369	175,723	176,374	178,310	178,562	181,222	184,982	186,402	188,694				
365,613	367,956	364,007	359,173	354,340	350,318	350,010	351,302	352,233	356,816	360,800	364,885	370,928	374,535	379,084				
580,841	584,629	590,416	597,556	604,899	612,324	621,922	629,688	638,854	648,462	658,540	669,156	680,168	691,245	701,851				
540,600	539,545	534,695	529,306	525,173	523,090	523,091	527,019	531,655	537,671	543,932	550,198	558,490	564,707	572,298				
174,987	171,589	170,688	170,133	170,833	172,772	173,081	175,717	179,422	180,855	183,132	185,313	187,562	190,172	193,214				
246,727	250,160	253,046	257,854	260,419	263,764	267,106	270,762	274,913	279,582	284,437	289,287	294,053	298,759	303,371				

#### Long Term Participation Rate Model

OCT 2006	OCT 2007	OCT 2008	OCT 2009	OCT 2010	OCT 2011	OCT 2012	OCT 2013	OCT 2014	OCT 2015	OCT 2016	OCT 2017	OCT 2018	OCT 2019	OCT 2020
71,861	72,060	73,043	73,989	74,915	75,912	77,122	78,464	79,894	81,260	82,593	83,953	85,266	86,521	87,455
74,223	77,152	77,425	78,487	79,492	80,477	81,538	82,828	84,260	85,788	87,245	88,669	90,122	91,524	92,862
74,507	73,815	76,785	77,061	78,109	79,099	80,069	81,116	82,390	83,806	85,318	86,759	88,168	89,605	90,993
72,359	73,228	72,601	75,527	75,788	76,809	77,774	78,719	79,740	80,986	82,368	83,847	85,256	86,634	88,039
72,693	73,392	74,326	73,694	76,655	76,910	77,938	78,910	79,859	80,887	82,143	83,538	85,031	86,454	87,845
73,805	73,610	74,371	75,322	74,673	77,662	77,912	78,946	79,921	80,875	81,908	83,173	84,579	86,084	87,519
73,917	73,523	73,380	74,143	75,081	74,426	77,398	77,638	78,661	79,626	80,568	81,591	82,844	84,239	85,731
77,336	76,833	76,476	76,332	77,117	78,084	77,394	80,476	80,718	81,774	82,770	83,741	84,797	86,094	87,537
81,475	78,881	78,420	78,060	77,905	78,696	79,676	78,964	82,100	82,340	83,410	84,419	85,403	86,474	87,790
90,479	89,406	86,617	86,115	85,710	85,530	86,390	87,457	86,668	90,102	90,358	91,525	92,625	93,698	94,866
86,609	86,109	85,143	82,493	82,005	81,611	81,431	82,242	83,250	82,492	85,754	85,990	87,094	88,134	89,149
84,135	84,400	83,970	83,032	80,440	79,955	79,562	79,378	80,163	81,138	80,392	83,565	83,788	84,859	85,867
76,634	79,764	80,071	79,666	78,768	76,301	75,833	75,454	75,272	76,008	76,926	76,213	79,215	79,421	80,431
1,010,032	1,012,175	1,012,629	1,013,920	1,016,657	1,021,472	1,030,036	1,040,592	1,052,898	1,067,082	1,081,754	1,096,983	1,114,190	1,129,740	1,146,084
5,031	5,137	5,134	5,092	4,982	4,890	4,863	4,845	4,864	4,918	4,923	5,000	5,101	5,141	5,204
7,321	7,476	7,470	7,409	7,250	7,116	7,077	7,051	7,078	7,156	7,164	7,276	7,423	7,481	7,573
12,353	12,613	12,604	12,501	12,233	12,006	11,940	11,896	11,943	12,074	12,087	12,276	12,524	12,622	12,777
0.2%	0.2%	0.0%	0.1%	0.3%	0.5%	0.8%	1.0%	1.2%	1.3%	1.4%	1.4%	1.6%	1.4%	1.4%
0.2%	0.2%	0.1%	0.2%	0.3%	0.5%	0.8%	1.0%	1.2%	1.3%	1.4%	1.4%	1.6%	1.4%	1.4%
2.5%	2.2%	-0.1%	-0.8%	-2.1%	-1.9%	-0.6%	-0.4%	0.4%	1.1%	0.1%	1.5%	2.1%	0.8%	1.2%
0.901	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.899

K-12 LONG RANGE FTE PROJECTION - UNOFFICIAL  
BASED ON RATIO OF CFC K-12 EDUCATION FORECAST TO OFM STATE POPULATION FORECAST

APRIL 1 POPULATION										
Age/Grade Equivalent	Age	1997	1998	1999	2000	2001	2002	2003	2004	2005
K	5	86,417	84,489	83,222	81,150	80,781	80,424	80,861	81,605	80,663
1	6	86,579	87,030	85,021	82,412	81,939	81,350	80,811	81,367	82,163
2	7	87,260	87,429	87,789	85,856	83,182	82,493	81,728	81,298	81,901
3	8	85,137	88,319	88,374	87,624	86,644	83,736	82,870	82,214	81,825
4	9	82,704	86,225	89,323	88,867	88,411	87,208	84,111	83,352	82,734
5	10	81,471	83,794	87,237	89,315	89,651	88,976	87,590	84,590	83,869
6	11	84,950	82,545	84,776	86,511	90,088	90,213	89,358	88,080	85,105
7	12	84,716	86,000	83,454	86,386	87,250	90,645	90,596	89,851	88,609
8	13	84,621	85,708	86,898	85,376	87,106	87,777	91,021	91,084	90,379
9	14	86,098	85,573	86,566	87,248	86,079	87,624	88,134	91,503	91,611
10	15	82,327	86,912	86,290	86,439	87,946	86,573	87,963	88,583	92,014
11	16	85,994	82,984	87,525	85,847	87,128	88,445	86,899	88,404	89,071
12	17	82,978	86,523	83,433	86,506	86,549	87,631	88,781	87,342	88,900
K-12	5-17	1,101,252	1,113,531	1,119,908	1,119,537	1,122,754	1,123,095	1,120,723	1,119,273	1,118,844
11-12	16-17	168,972	169,507	170,958	172,353	173,677	176,076	175,680	175,746	177,971
9-12	14-17	337,397	341,992	343,814	346,040	347,702	350,273	351,777	355,832	361,596
LR MODEL FTE/AGE COHORT										
Grade Equivalent	Age	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	Avg 2yr CHG	LT MODEL	
K	5	0.42156	0.42150	0.41138	0.42159	0.42342	0.42632	0.00236	0.42868	
1	6	0.89854	0.89428	0.89027	0.89173	0.89895	0.90477	0.00652	0.91129	
2	7	0.89554	0.88519	0.87687	0.87702	0.88087	0.89004	0.00651	0.89655	
3	8	0.90058	0.89162	0.87863	0.88786	0.88171	0.87847	-0.00470	0.87378	
4	9	0.90959	0.89662	0.88279	0.88094	0.88585	0.87977	-0.00059	0.87918	
5	10	0.92429	0.90431	0.88941	0.89125	0.88316	0.88515	-0.00305	0.88210	
6	11	0.90015	0.91845	0.89719	0.90533	0.89331	0.88202	-0.01165	0.87037	
7	12	0.90783	0.89919	0.91309	0.88907	0.90852	0.89433	0.00263	0.89696	
8	13	0.89576	0.89499	0.88286	0.89389	0.88633	0.90106	0.00358	0.90465	
9	14	0.94536	0.96970	0.97144	0.97200	0.98108	0.97411	0.00106	0.97517	
10	15	0.91957	0.88192	0.89702	0.89877	0.89655	0.90358	0.00241	0.90599	
11	16	0.76350	0.81249	0.77731	0.80183	0.80737	0.81631	0.00724	0.82355	
12	17	0.70020	0.68488	0.73092	0.70493	0.71807	0.72275	0.00891	0.73166	
K-12	5-17	0.84413	0.84311	0.83980	0.84181	0.84414	0.84516	0.00168	0.84684	
11-12	16-17	0.73241	0.74735	0.75467	0.75320	0.76287	0.76974	0.00827	0.77802	
9-12	14-17	0.83242	0.83719	0.84498	0.84473	0.85070	0.85395	0.00461	0.85856	
February 2002 CFC K-12 Forecast										
ENROLLMENT - AA FTE										
Average Annual FTE (AA FTE)										
February 2002 CFC K-12 Forecast										
Transition Period										
1997-98										
1998-99										
1999-00										
2000-01										
2001-02										
2002-03										
2003-04										
2004-05										
2005-06										
(Age 5) K	5	36,430	35,612	34,236	34,212	34,204	34,286	34,549	34,925	34,560
(Age 6) 1	6	77,795	77,829	75,692	73,490	73,659	73,603	73,326	73,990	74,821
(Age 7) 2	7	78,145	77,391	76,980	75,297	73,272	73,422	72,954	72,729	73,375
(Age 8) 3	8	76,673	78,747	77,648	77,798	76,395	73,560	72,643	71,952	71,535
(Age 9) 4	9	75,227	77,311	78,854	78,286	78,319	76,723	73,978	73,296	72,743
(Age 10) 5	10	75,303	75,775	77,590	79,602	79,176	78,757	77,423	74,694	74,006
(Age 11) 6	11	76,468	75,814	76,060	78,321	80,476	79,570	78,399	76,970	74,172
(Age 12) 7	12	76,908	77,330	76,201	76,803	79,268	81,067	81,118	80,522	79,455
(Age 13) 8	13	75,800	76,707	76,719	76,317	77,205	79,092	82,146	82,301	81,729
(Age 14) 9	14	81,394	82,980	84,094	84,805	84,450	85,356	85,890	89,202	89,327
(Age 15) 10	15	75,705	76,649	77,404	77,689	78,848	78,226	79,567	80,192	83,342
(Age 16) 11	16	65,656	67,424	68,034	68,835	70,345	72,198	71,188	72,613	73,290
(Age 17) 12	17	58,101	59,258	60,983	60,981	62,148	63,335	64,483	63,671	64,965
K-12 Subtotal		929,605	938,829	940,493	942,436	947,765	949,195	947,664	947,056	947,319
Pvt, Home Based & Summer*		536	515	486	619	619	619	620	619	619
Running Start**		6,251	7,001	7,467	7,938	8,216	8,709	8,092	8,095	8,197
Other - UW Transition**		43	41	38	40	40	40	40	40	41
Total K-12 Enrollment		936,435	946,385	948,485	951,033	956,639	958,563	956,416	955,810	956,176
%Change in Total K-12 FTE		1.06%	0.22%	0.27%	0.59%	0.20%	-0.22%	-0.06%	0.04%	
%Change in ages 5-17		1.12%	0.57%	-0.03%	0.29%	0.03%	-0.21%	-0.13%	-0.04%	
%Change in ages 16-17		0.32%	0.86%	0.82%	0.77%	1.38%	-0.22%	0.04%	1.27%	
K12FTE/Ages 5-17		0.850	0.847	0.849	0.852	0.854	0.853	0.854	0.855	
Change in Total K-12 FTE		9,950	2,100	2,548	5,606	1,924	-2,146	-606	366	

\* Long range projections based on grades K-12 and ages 5-17

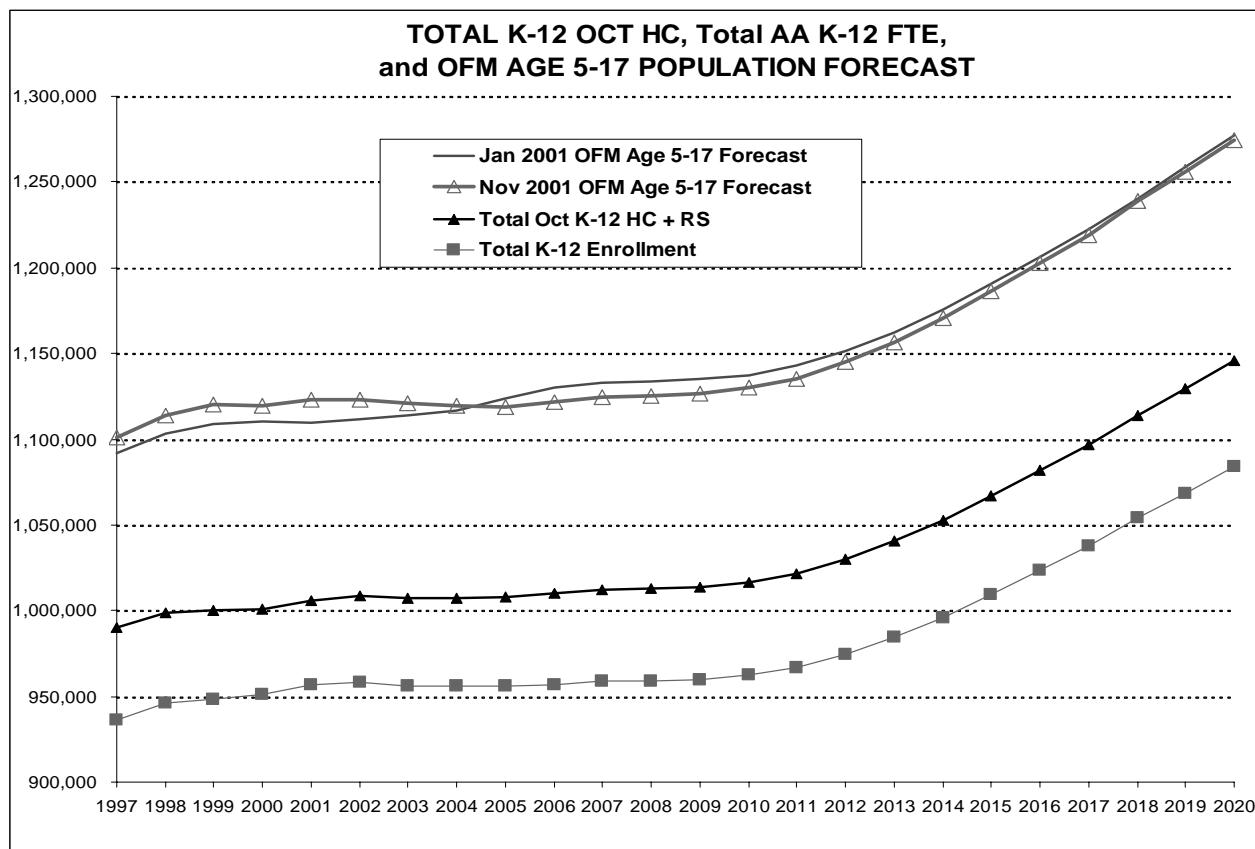
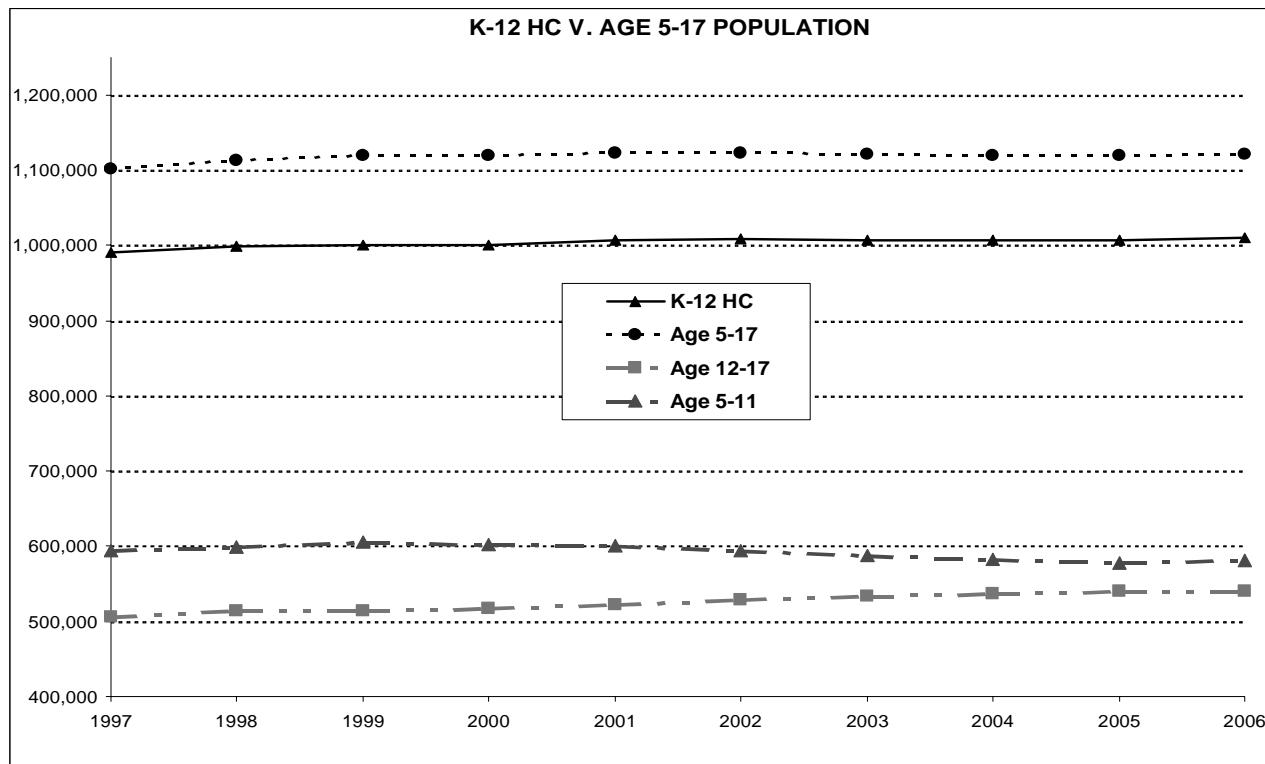
\*\* Long range projections based on grades 11 & 12 and ages 16 & 17

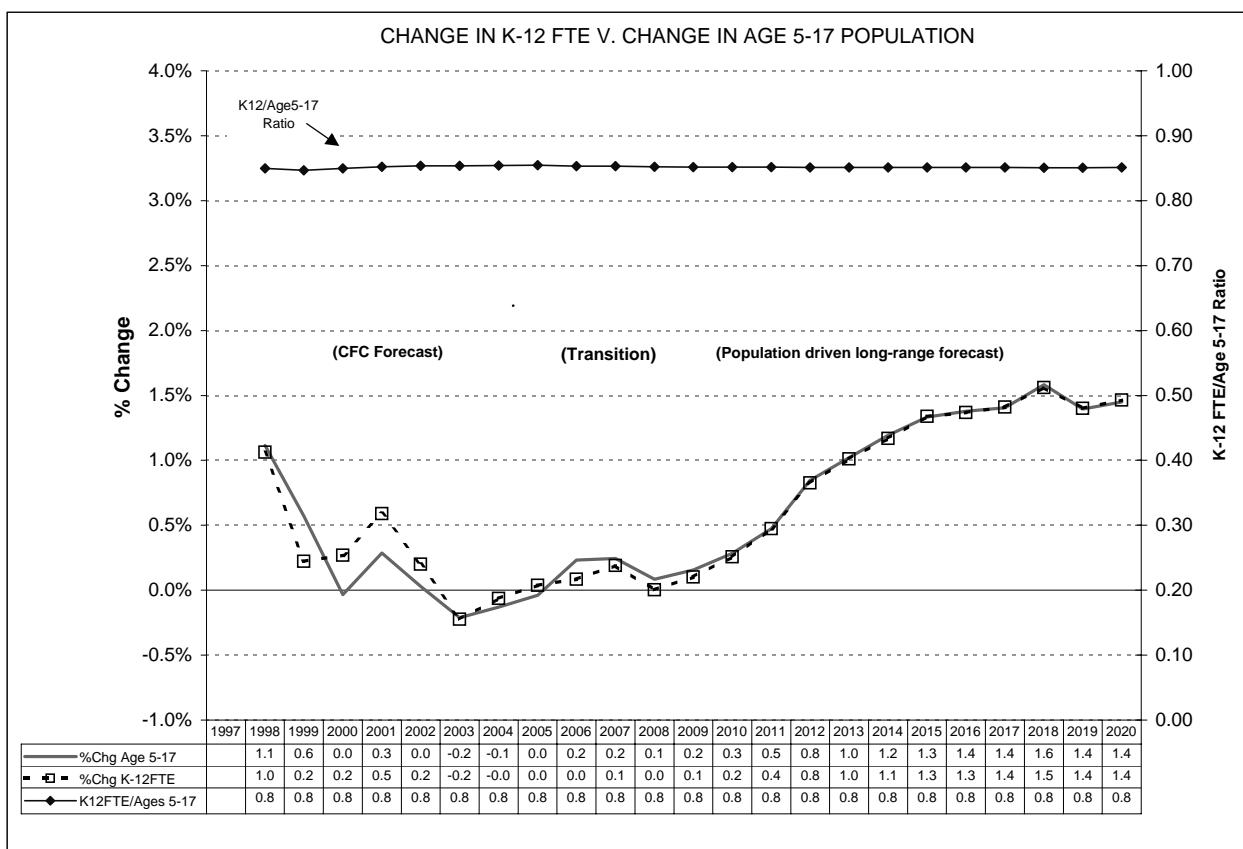
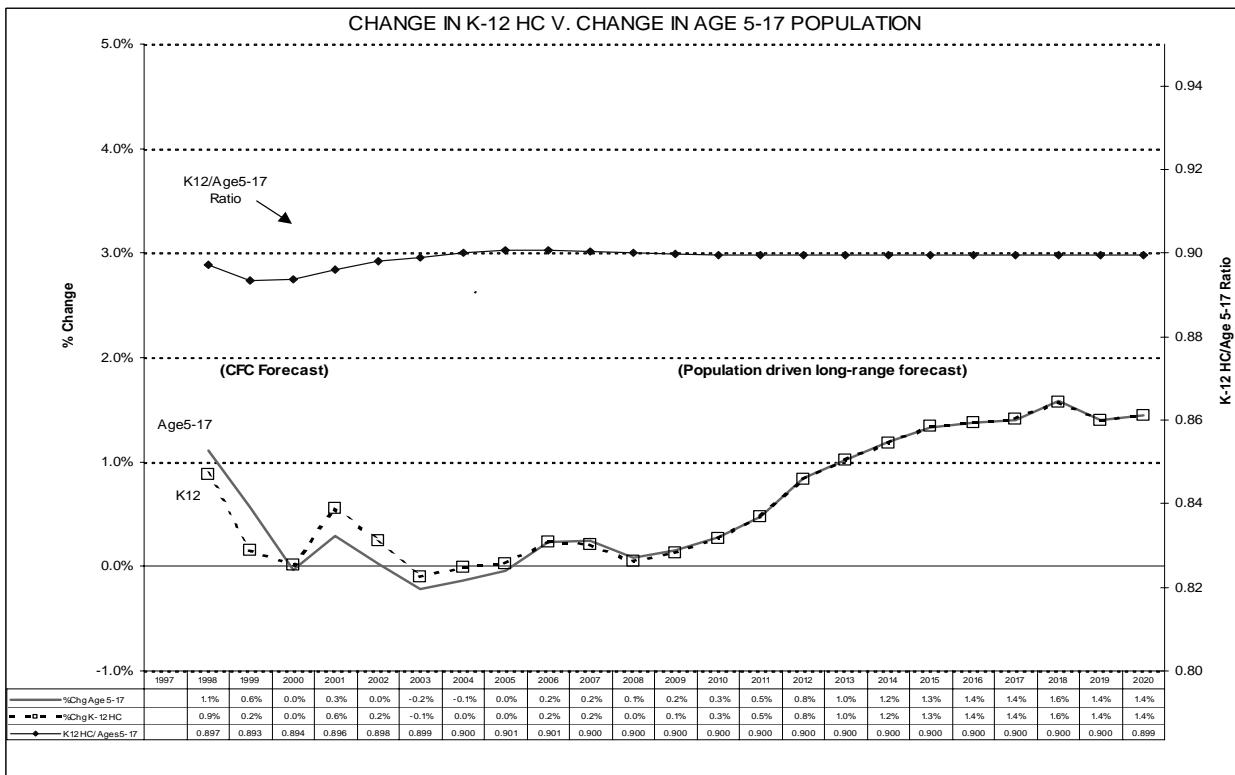
APRIL 1 POPULATION												APRIL 1 POPULATION					
2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020			
83,786	84,018	85,164	86,267	87,347	88,509	89,920	91,485	93,152	94,745	96,299	97,885	99,416	100,879	101,968			
81,343	84,553	84,852	86,016	87,118	88,197	89,360	90,774	92,343	94,017	95,614	97,175	98,767	100,304	101,770			
82,829	82,060	85,362	85,668	86,833	87,934	89,012	90,176	91,593	93,167	94,848	96,450	98,016	99,613	101,156			
82,555	83,547	82,832	86,170	86,468	87,633	88,734	89,812	90,977	92,398	93,975	95,662	97,270	98,842	100,445			
82,462	83,255	84,315	83,598	86,956	87,246	88,412	89,514	90,591	91,757	93,182	94,764	96,458	98,072	99,650			
83,368	83,148	84,007	85,081	84,348	87,725	88,007	89,175	90,277	91,354	92,521	93,950	95,538	97,238	98,859			
84,498	84,048	83,884	84,756	85,829	85,080	88,477	88,752	89,921	91,024	92,101	93,270	94,703	96,297	98,003			
85,735	85,178	84,782	84,622	85,492	86,564	85,800	89,216	89,485	90,655	91,760	92,836	94,007	95,444	97,044			
89,252	86,411	85,906	85,511	85,341	86,208	87,281	86,501	89,937	90,200	91,372	92,477	93,555	94,728	96,170			
91,025	89,946	87,140	86,635	86,227	86,046	86,911	87,985	87,191	90,646	90,903	92,077	93,184	94,263	95,439			
92,245	91,713	90,684	87,861	87,342	86,922	86,730	87,594	88,668	87,860	91,335	91,586	92,762	93,870	94,951			
92,646	92,937	92,464	91,431	88,577	88,043	87,610	87,408	88,272	89,346	88,524	92,018	92,264	93,443	94,553			
89,697	93,360	93,719	93,246	92,194	89,307	88,759	88,315	88,102	88,964	90,038	89,204	92,718	92,959	94,141			
1,121,441	1,124,174	1,125,111	1,126,862	1,130,072	1,135,414	1,145,013	1,156,707	1,170,509	1,186,133	1,202,472	1,219,354	1,238,658	1,255,952	1,274,149			
182,343	186,297	186,183	184,677	180,771	177,350	176,369	175,723	176,374	178,310	178,562	181,222	184,982	186,402	188,694			
365,613	367,956	364,007	359,173	354,340	350,318	350,010	351,302	352,233	356,816	360,800	364,885	370,928	374,535	379,084			

FTE/AGE COHORT

#### Long Term Participation Rate Model

2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
35,917	36,017	36,508	36,981	37,444	37,942	38,547	39,218	39,932	40,615	41,282	41,961	42,618	43,245	43,712
74,127	77,052	77,325	78,385	79,390	80,373	81,433	82,721	84,151	85,677	87,132	88,555	90,005	91,406	92,742
74,260	73,571	76,531	76,806	77,850	78,837	79,804	80,847	82,118	83,529	85,036	86,472	87,876	89,308	90,691
72,135	73,001	72,377	75,293	75,554	76,572	77,534	78,476	79,494	80,735	82,113	83,587	84,992	86,366	87,766
72,499	73,196	74,128	73,498	76,450	76,705	77,730	78,699	79,646	80,671	81,924	83,315	84,804	86,223	87,610
73,539	73,345	74,102	75,050	74,403	77,382	77,631	78,661	79,633	80,583	81,613	82,873	84,274	85,773	87,203
73,544	73,153	73,010	73,769	74,703	74,051	77,008	77,247	78,264	79,224	80,162	81,179	82,427	83,814	85,299
76,901	76,401	76,046	75,903	76,683	76,645	76,959	80,023	80,265	81,314	82,305	83,270	84,321	85,610	87,045
80,741	78,171	77,714	77,357	77,203	77,988	78,958	78,253	81,361	81,599	82,659	83,659	84,634	85,695	87,000
88,765	87,713	84,976	84,484	84,086	83,910	84,753	85,800	85,026	88,395	88,646	89,791	90,870	91,923	93,069
83,573	83,091	82,159	79,601	79,131	78,751	78,577	79,359	80,333	79,600	82,749	82,976	84,042	85,045	86,025
76,298	76,538	76,148	75,298	72,947	72,507	72,151	71,984	72,696	73,580	72,904	75,781	75,984	76,955	77,869
65,628	68,308	68,570	68,224	67,455	65,342	64,941	64,617	64,461	65,091	65,877	65,267	67,838	68,014	68,879
947,928	949,557	949,596	950,649	953,299	958,004	966,025	975,906	987,379	1,000,615	1,014,401	1,028,687	1,044,684	1,059,377	1,074,910
620	622	622	623	625	628	633	640	647	656	665	675	685	695	705
8,399	8,581	8,575	8,506	8,326	8,169	8,123	8,094	8,124	8,213	8,224	8,347	8,520	8,586	8,691
42	43	43	42	41	41	40	40	40	41	41	42	42	43	43
956,989	958,803	958,837	959,821	962,292	966,842	974,823	984,680	996,191	1,009,525	1,023,331	1,037,750	1,053,932	1,068,700	1,084,350
0.08%	0.19%	0.00%	0.10%	0.26%	0.47%	0.83%	1.01%	1.17%	1.34%	1.37%	1.41%	1.56%	1.40%	1.46%
0.23%	0.24%	0.08%	0.16%	0.28%	0.47%	0.85%	1.02%	1.19%	1.33%	1.38%	1.40%	1.58%	1.40%	1.45%
2.46%	2.17%	-0.06%	-0.81%	-2.12%	-1.89%	-0.55%	-0.37%	0.37%	1.10%	0.14%	1.49%	2.07%	0.77%	1.23%
<b>0.853</b>	<b>0.853</b>	<b>0.852</b>	<b>0.852</b>	<b>0.852</b>	<b>0.852</b>	<b>0.851</b>	<b>0.851</b>	<b>0.851</b>	<b>0.851</b>	<b>0.851</b>	<b>0.851</b>	<b>0.851</b>	<b>0.851</b>	<b>0.851</b>
<b>813</b>	<b>1,814</b>	<b>34</b>	<b>984</b>	<b>2,471</b>	<b>4,550</b>	<b>7,981</b>	<b>9,857</b>	<b>11,511</b>	<b>13,334</b>	<b>13,806</b>	<b>14,418</b>	<b>16,182</b>	<b>14,768</b>	<b>15,650</b>





Long Range Projection History

1997-2008	OCT 1997	OCT 1998	OCT 1999	OCT 2000	OCT 2001	OCT 2002	OCT 2003	OCT 2004	OCT 2005	OCT 2006	OCT 2007	OCT 2008
<b>Total AA K-12 FTE</b>												
Feb 2000 Projection	936,435	946,385	948,564	946,184	949,090	952,730	956,327	960,151	966,040	969,821	970,697	968,358
June 2000 Projection	936,435	946,385	948,321	946,294	942,733	938,425	938,821	940,352	944,737	947,823	948,932	946,807
Nov 2000 Projection	936,435	946,385	948,296	947,876	947,067	945,996	946,957	948,421	952,127	954,766	955,414	953,179
Feb 2001 Projection	936,435	946,385	948,485	950,051	947,752	946,032	946,256	948,443	953,625	957,635	959,463	959,146
June 2001 Projection	936,435	946,385	948,485	950,840	948,935	946,324	946,476	948,588	953,727	957,719	959,554	959,237
Nov 2001 Projection	936,435	946,385	948,485	950,884	955,706	957,933	956,022	955,373	955,710	956,504	958,288	958,333
Feb 2002 Projection	936,435	946,385	948,485	951,033	956,639	958,563	956,416	955,810	956,176	956,989	958,803	958,837
Var (last 2 Projections)	0	0	0	149	933	630	395	438	466	485	515	504
<b>Total K-12 HC + RS</b>												
Feb 2000 Projection	990,165	998,926	999,857	997,295	999,798	1,003,809	1,007,945	1,012,438	1,018,981	1,023,428	1,024,881	1,022,746
June 2000 Projection	990,165	998,926	999,887	997,765	994,664	990,678	991,645	993,779	998,813	1,003,334	1,005,079	1,003,162
Nov 2000 Projection	990,165	998,926	1,000,162	999,205	998,839	997,854	998,976	1,000,709	1,004,998	1,009,442	1,010,680	1,008,687
Feb 2001 Projection	990,165	998,926	1,000,438	1,000,526	999,553	997,631	999,332	1,002,294	1,008,392	1,013,374	1,015,832	1,015,874
June 2001 Projection	990,165	998,926	1,000,438	1,000,845	1,000,027	998,160	999,903	1,002,888	1,009,026	1,014,044	1,016,522	1,016,566
Nov 2001 Projection	990,165	998,926	1,000,438	1,000,960	1,006,209	1,008,661	1,007,558	1,007,401	1,007,672	1,010,031	1,012,165	1,012,619
Feb 2002 Projection	990,165	998,926	1,000,438	1,000,578	1,006,103	1,008,523	1,007,470	1,007,356	1,007,658	1,010,032	1,012,175	1,012,629
Var (last 2 Projs)	0	0	0	-382	-106	-138	-88	-45	-15	2	10	10
<b>2009-2020</b>												
	OCT 2009	OCT 2010	OCT 2011	OCT 2012	OCT 2013	OCT 2014	OCT 2015	OCT 2016	OCT 2017	OCT 2018	OCT 2019	OCT 2020
<b>Total AA K-12 FTE</b>												
Feb 2000 Projection	966,962	966,637	970,042	975,989	984,559	995,175	1,006,665	1,018,788	1,031,193	1,044,618	1,058,925	1,073,909
June 2000 Projection	945,612	945,336	948,725	954,607	963,047	973,501	984,801	996,747	1,008,950	1,022,140	1,036,164	1,050,822
Nov 2000 Projection	952,083	952,153	955,924	962,223	971,080	982,010	993,852	1,006,389	1,019,409	1,033,139	1,047,677	1,062,800
Feb 2001 Projection	959,627	961,207	965,935	972,871	982,072	993,263	1,005,453	1,018,662	1,032,469	1,047,244	1,062,615	1,078,465
June 2001 Projection	959,717	961,291	966,015	972,948	982,147	993,337	1,005,526	1,018,736	1,032,542	1,047,317	1,062,688	1,078,538
Nov 2001 Projection	959,325	961,812	966,394	974,381	984,243	995,769	1,009,085	1,022,901	1,037,323	1,053,487	1,068,258	1,083,904
Feb 2002 Projection	959,821	962,292	966,842	974,823	984,680	996,191	1,009,525	1,023,331	1,037,750	1,053,932	1,068,700	1,084,350
Var (last 2 Projections)	496	480	448	441	437	422	441	430	427	445	442	445
<b>Total K-12 HC + RS</b>												
Feb 2000 Projection	1,021,572	1,021,300	1,025,015	1,031,434	1,040,670	1,052,111	1,064,453	1,077,411	1,090,609	1,104,840	1,119,915	1,135,622
June 2000 Projection	1,002,189	1,001,934	1,005,620	1,011,963	1,021,071	1,032,370	1,044,547	1,057,356	1,070,370	1,084,384	1,099,197	1,114,600
Nov 2000 Projection	1,007,851	1,008,019	1,012,118	1,018,910	1,028,455	1,040,241	1,052,968	1,066,363	1,080,241	1,094,808	1,110,140	1,126,011
Feb 2001 Projection	1,016,677	1,018,449	1,023,558	1,031,021	1,040,928	1,052,991	1,066,066	1,080,163	1,094,841	1,110,515	1,126,748	1,143,352
June 2001 Projection	1,017,365	1,019,122	1,024,223	1,031,679	1,041,583	1,053,649	1,066,730	1,080,833	1,095,516	1,111,197	1,127,436	1,144,048
Nov 2001 Projection	1,013,911	1,016,648	1,021,464	1,030,028	1,040,583	1,052,889	1,067,071	1,081,743	1,096,970	1,114,177	1,129,728	1,146,073
Feb 2002 Projection	1,013,920	1,016,657	1,021,472	1,030,036	1,040,592	1,052,898	1,067,082	1,081,754	1,096,983	1,114,190	1,129,740	1,146,084
Var (last 2 Projections)	9	9	8	8	9	9	10	11	12	12	12	11